SEQUENCE LISTING

<110> Japan Science and Technology Agency

<120> Royal Jelly Peptide

<130> 04F039PCT

<150> JP 2003-338665

<151> 2003-09-29

<160> 17

<170> PatentIn version 3.1

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37

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29

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40

⟨210⟩ 6

⟨211⟩ 40

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<213> Artificial Sequence

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48

⟨210⟩ 12

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<213> Artificial Sequence

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1 5 10 15

caa atc aac agt ttg gtt tca tct atc gtg tct ggt gcc aac gtg tca 96
Gln Ile Asn Ser Leu Val Ser Ser Ile Val Ser Gly Ala Asn Val Ser
20 25 30

gca gta ctc cta gct caa act tta gtt aat atc ctg caa att mnn atc

144

Ala Val Leu Leu Ala Gln Thr Leu Val Asn Ile Leu Gln Ile Xaa Ile

35

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45

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Asp Ala Asn Val Phe Ala

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(223) The 'Xaa' at location 47 stands for Lys, Asn. Arg. Ser. Thr. Ile. Met. Xaa, Glu, Asp. Gly, Ala, Val, Gln, His, Pro, Leu, Tyr. Trp. Cys., or Phe.

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1 5 10 15

Gln Ile Asn Ser Leu Val Ser Ser Ile Val Ser Gly Ala Asn Val Ser
20 25 30

Ala Val Leu Leu Ala Gln Thr Leu Val Asn Ile Leu Gln Ile Xaa Ile 35 40 45

Asp Ala Asn Val Phe Ala 50

⟨210⟩ 16

<211> 162

<212> DNA

⟨213⟩ bee

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48

10/11

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1 5 10 15

caa atc aac agt ttg gtt tca tct atc gtg tct ggt gcc aac gtg tca 96 Gln Ile Asn Ser Leu Val Ser Ser Ile Val Ser Gly Ala Asn Val Ser

20 25 - 30

gca gta ctc cta gct caa act tta gtt aat atc ctg caa att ctt atc

144

Ala Val Leu Leu Ala Gln Thr Leu Val Asn Ile Leu Gln Ile Leu Ile

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40

45

gac gct aat gtt ttc gct

Asp Ala Asn Val Phe Ala

<210> 17

50

(211) 54

<212> PRT

<213> bee

<400> 17

Lys Thr Ser Ile Ser Val Lys Gly Glu Ser Asn Val Asp Val Val Ser

1 5 10 15

Glu Ile Asn Ser Leu Val Ser Ser Ile Val Ser Gly Ala Asn Val Ser

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Ala Val Leu Leu Ala Gln Thr Leu Val Asn Ile Leu Gln Ile Leu Ile

35

40

45

Asp Ala Asn Val Phe Ala

50